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(54) Title: USE OF A VULCANISED THERMOPLASTIC ELASTOMER OR STYRENE-ETHYLENE-BUTADIENE-STYRENE POLYMER AS INFILL MATERIAL IN ARTIFICIAL TURF SYSTEMS

(57) Abstract: The present invention relates to the use of a vulcanised thermoplastic elastomer or styrene-ethylene-butadiene-styrene polymer (SEBS) as infill material in artificial turf systems. Artificial turf has achieved growing popularity in recent years, particularly for football fields. The vulcanised thermoplastic elastomer comprises a polyolefin and a rubber wherein the rubber is dynamically vulcanised by the use of a curing agent. The polyolefin is chosen from polyethylene or polypropylene and the rubber is chosen from EPDM or EPM. The rubber is dynamically vulcanised by a curing agent chosen from sulfur, sulfurous compounds, metal oxides, maleimides, phenol resins, silanes or peroxides.

WO 2005/047602 A1